

Douwe Sjirk Zijlstra

List of Publications by Year in descending order

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11
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340
citing authors

#	ARTICLE	IF	CITATIONS
1	Mild Organosolv Lignin Extraction with Alcohols: The Importance of Benzylic Alkoxylation. ACS Sustainable Chemistry and Engineering, 2020, 8, 5119-5131.	6.7	100
2	A Metal-Ligand Cooperative Pathway for Intermolecular Oxa-Michael Additions to Unsaturated Nitriles. Angewandte Chemie - International Edition, 2015, 54, 4236-4240.	13.8	48
3	Efficient Mild Organosolv Lignin Extraction in a Flow-Through Setup Yielding Lignin with High β -O-4 Content. Polymers, 2019, 11, 1913.	4.5	39
4	Extraction of Lignin with High β -O-4 Content by Mild Ethanol Extraction and Its Effect on the Depolymerization Yield. Journal of Visualized Experiments, 2019, , .	0.3	27
5	Highly Efficient Semi-Continuous Extraction and In-Line Purification of High β -O-4 Butanosolv Lignin. Frontiers in Chemistry, 2021, 9, 655983.	3.6	19
6	Combined lignin defunctionalisation and synthesis gas formation by acceptorless dehydrogenative decarbonylation. Green Chemistry, 2020, 22, 3791-3801.	9.0	18
7	Oxa-Michael Addition to β -Unsaturated Nitriles: An Expedient Route to β -Amino Alcohols and Derivatives. ChemCatChem, 2018, 10, 2868-2872.	3.7	14
8	Amphiphilic Copolymers Derived from Butanosolv Lignin and Acrylamide: Synthesis, Properties in Water Solution, and Potential Applications. ACS Applied Polymer Materials, 2020, 2, 5705-5715.	4.4	11
9	Mild Organosolv Delignification of Residual Aspen Bark after Extractives Isolation as a Step in Biorefinery Processing Schemes. Molecules, 2022, 27, 3185.	3.8	8